

PACIFIC ASSOCIATION OF RAILWAY SURGEONS.

The Tenth Annual Meeting was held August 30th and 31st at the St. Francis Hotel, San Francisco.

First Session—2:00 p. m., August 30th.

1. President's Address—O. D. Hamlin, Oakland.
2. "Tuberculosis Among Railroad Employees"—Jno. C. King, Banning.
3. "Fractures of the Patella, Treatment of"—Rexwald Brown, Santa Barbara.
4. "The Treatment of Surgical Shock"—R. L. Ramey, El Paso.
5. "Dangers of Unguarded Railroad Crossings"—David Powell, Marysville.
6. "Report of a Case of Multiple Sarcomata"—J. H. O'Connor and W. T. Cummins, San Francisco.
7. "Hook Worm Disease and Its Importation Into California" (Illustrated Lantern Slides)—J. W. Colbert, Albuquerque.

Second Session—2:00 p. m., August 31st.

8. "Observations on Symptoms and Treatment of Suppurative Appendicitis"—R. T. Legge, McCloud.
9. "Some Conclusions Regarding the Present Knowledge of the Veriform Appendix"—C. J. Teass, San Francisco.
10. "A Pathological and Sanitary Study of a Typhoid Outbreak"—W. T. Cummins, San Francisco.
11. "A Few Remarks on Typhoid"—G. R. Carson, San Francisco.
12. "Supra-pubic Prostatectomy"—Guy Cochran, Los Angeles.
13. "The Eye and Its Minor Injuries"—A. C. Seely, Roseburg.
14. "Fractures" (Illustrated Lantern Slides)—W. B. Coffey, San Francisco.
15. Demonstration of Cases—Howard Morrow, San Francisco.
16. "Salvarsan, with Report of Cases"—A. W. Morton, San Francisco.

(Note.—The papers and proceedings will appear in subsequent issues of the JOURNAL.—Ed.)

MUSCLE CHANGES IN TUBERCULOSIS.

Pottenger, in an article "Muskelspasmus und Degeneration," published in Band 22, Heft 1, of *Beitrage zur Klinik der Tuberculose*, claims that wherever lung or pleura are actively inflamed a spastic condition of the muscles of the neck and thorax of the affected side develops. If the process is a chronic one a degeneration of the respective muscles takes place. It is necessary to study the normal conditions in adults and children in order to recognize the pathological changes. The patient must be in a comfortable, relaxed and sitting position and must breathe quietly and naturally. Then all one-sided changes, as for instance, hypertrophic condition of sternocleidomastoideus and scaleni or spastic condition of trapezius in active tuberculosis of apex or rigidity of m. pectorales in deeper and more acute processes are easily recognized by inspection and palpation. In chronic processes the muscles degenerate gradually and lose their elasticity and tonus. A spasm of the muscles is produced because the inflamed lung carries impulses into the spinal cord through the n. sympathicus, where the cells of the affected side receive a certain irritability; this manifests itself in sensoric disturbances, peripherally, through the cornu posterior (according to Head). Degeneration of the muscles appears through the cornu anterior. The degeneration of the muscles after a prolonged condition of irritability is similar to the degeneration after excessive work.

The author reports a number of cases in which he shows that the condition of the muscles can reproduce the condition of the lungs in incipient, in moderately advanced and in very advanced cases of tuberculosis. Afterwards he describes the different changes in the muscles as cause for developing abnormal carriage of the head, abnormal shape and movement of the chest, and also abnormal shape of the upper thoracic aperture. These changes again modify the findings of percussion and auscultation. Over a contracted muscle the percussion gives a higher note and increased resistance to palpation. The breathing sounds over a relaxed muscle are soft; over a contracted muscle they are harsh with prolonged exhalation but often very distant. Light palpation is considered the best method to recognize differences in the consistency of the muscles and lungs.

MAX ROTHSCHILD.

STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC.,

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(Signature of editor, publisher, business manager, or owner.)

Sworn to and subscribed before me this 4th day of October, 1912.

(Seal)

EDITH W. BURNHAM,

Notary Public in and for the City and County of San Francisco, State of California.

(My commission expires January 30, 1912).
Form 3526.

SOCIETY REPORTS

ALAMEDA COUNTY.

The September meeting was held on the 17th. The program consisted of a paper by R. A. Archibald, D. V. S., on The Apparent Inconsistencies of Biologic Diagnostics.

(a) Principles Involved in Complement Fixation and Anaphylactic Reactions.

(b) The Difference between Allergic and Immune Reactions.

(c) Why such Diagnostic Tests as the Tuberculin, Mallein, Wassermann, etc., occasionally fail to give Positive Results in Cases Presenting Specific Clinical Symptoms.

(d) How the Apparent Inconsistencies may be Overcome.

The paper was discussed at length by Drs. A. A. Alexander, T. H. Clark, C. H. McVey, and W. H. Streitmann.

The October meeting was held on the 22nd of the month with the following program arranged by Dr. T. C. McCleave.

1. Infection of the Urinary Tract in Women. Dr. David Hadden.

2. Hemorrhagic Disease of the New Born. Its Treatment by Transfusion. Dr. T. C. McCleave.

3. Recent Advances in our Knowledge of Infantile Paralysis. Dr. Dudley Smith.

The discussion was participated in by Drs. W. H. Strietmann, T. J. Clark and others.

Mr. C. A. S. Frost, attorney for the State Board of Medical Examiners, addressed the Society "On what has been done and what is expected to be done in regard to the matter of prosecuting illegal practitioners," a work in which this Society is now engaged.

Dr. Chas. L. Tisdale also spoke explaining the position of the State Board of Medical Examiners in regard to this matter.

PAULINE S. NUSBAUMER,

Secretary.

THE CALIFORNIA ACADEMY OF MEDICINE.

The California Academy of Medicine held its regular meeting on Monday evening, October 28th, in the rooms of the County Medical Society.

The following scientific program was given:

1. Experiments Dealing with the Physiology of Voluntary Movements. Sol Hyman. Discussed by S. S. Maxwell and Sol Hyman.

2. Two Cases of Diaphragmatic Hernia. I. W. Thorne. Discussed by G. Ebricht, R. L. Wilbur, H. Gibbons and A. J. Lartigau.

Refreshments were served at the close of the meeting.

COOPER CLINICAL SOCIETY.

The Cooper Clinical Society held a meeting on Monday, November 4th, at the Medical Department of Stanford University. The following program was given:

1. Presentation of specimens. Dr. W. Ophuls.
(a) Abdominal aneurysm,
(b) Perforation of small intestine.

2. Congenital Absence of Both Clavicles. Dr. G. J. McChesney. Discussed by Drs. Harry Sherman, Frank E. Blaisdell and G. J. McChesney.

3. The Diagnosis of Gall Stone in the Common Duct. Dr. Wm. F. Cheney.

Discussed by Drs. W. I. Terry, Harry Sherman, Barry, Ryfkogel, and W. F. Cheney.

Refreshments were served at the close of the meeting.

SOCIETY OF THE SAN FRANCISCO POLYCLINIC.

October 9, 1912.

1. Presentation of a Patient with a Tumor of the Cauda Equina. Wilfred F. Beerman. Discussed by H. D'Arcy Power.

2. Angina Pectoris Vasomotoria, with demonstration of a case. L. D. Mead. Discussed by Philip King Brown and H. D'Arcy Power.

3. Exhibition of Patient with Cancer of the Lip. Discussion of operative procedure. H. A. L. Ryfkogel.

4. Surgery of the Large Intestine, with report of an interesting case. F. B. Carpenter. Discussed by Gilbert M. Barrett.

5. Instructive Factors Relative to Pernio. Ernest D. Chipman. Discussed by Martin Regensburger.

6. Syringomyelia. Exhibition of a Pathological Specimen from a case of Syringomyelia. Consideration of sensation of Spinal Cord. Milton B. Lennon.

Refreshments were served at the close of the meeting.

PROCEEDINGS OF THE SAN FRANCISCO COUNTY MEDICAL SOCIETY.

During the month of September, 1912, the following meetings were held:

Section on Medicine. September 3, 1912.

1. Operative Treatment of Claw-Foot. Exhibition of Case. Dr. J. T. Watkins.

2. Demonstration of Case of Hydroa Vaccini-forme. Dr. E. C. Chipman.

3. Report of Case of Noguchi's Luetin Reaction. Dr. H. E. Alderson.

4. The Etiology and Treatment of Acne. Dr. E. D. Chipman. Discussed by Drs. Douglass Montgomery, H. E. Alderson, Cullen Welty, Howard Morrow, J. C. Pickett, and E. D. Chipman.

5. An Instance of Hypersensitiveness to Homatropine. Dr. Douglass Montgomery. Discussed by Drs. E. D. Chipman, J. C. Pickett and D. W. Montgomery. (To be published in California State Journal of Medicine.)

6. Granuloma Inguinale Tropicum. Dr. D. Friedlander. Discussed by Dr. E. D. Chipman. (To be published in California State Journal of Medicine.)

7. Lantern Slide Views of Cutaneous Lesions. Dr. Howard Morrow.

Regular Meeting. September 10, 1912.

The Relation of the Academic Medical School to the Medical Community.

1. Herbert C. Moffitt, Dean of the Medical Department, University of California.

2. David Starr Jordan, LL.D., President Leland Stanford Junior University.

Discussed by Drs. A. A. D'Ancona, R. L. Wilbur, F. P. Gay, W. W. Kerr, Langley Porter and D'Arcy Power.

After the discussion, Dr. Richard C. Cabot, of